

L Number	Hits	Search Text	DB	Time stamp
-	37713	zener adj diode	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:24
-	327	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoaka-hideki\$ owada-fukuo\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 07:41
-	4	(zener adj diode) and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoaka-hideki\$ owada-fukuo\$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:20
-	4	(zener ) and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoaka-hideki\$ owada-fukuo\$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:20
-	35	(breakdown ) and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoaka-hideki\$ owada-fukuo\$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:21
-	91	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:51
-	7	4999683.URPN.	USPAT	2002/06/18 15:34
-	7	("4071852"   "4271445"   "4323909"   "4451839"   "4607274"   "4797720"   "4807011").PN.	USPAT	2002/06/18 15:35
-	3	4646114.URPN.	USPAT	2002/06/18 16:31
-	4	4441114.URPN.	USPAT	2002/06/18 16:37
-	14	("3483441"   "3534231"   "3584266"   "3663874"   "3745424"   "3881179"   "3886579"   "4079402"   "4127932"   "4136349"   "4142200"   "4153904"   "4326211"   "4377816").PN.	USPAT	2002/06/18 16:37
-	4	4224631.URPN.	USPAT	2002/06/18 17:27
-	3	("4051504"   "4079402"   "4127859").PN.	USPAT	2002/06/18 17:28
-	2	3723832.URPN.	USPAT	2002/06/18 17:29
-	153	(257/605).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:51
-	91	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	105	(257/604).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	362	(257/603).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	142	((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:26
-	3	4171528.URPN.	USPAT	2002/06/18 18:04
-	2	("3534231"   "4030117").PN.	USPAT	2002/06/18 18:04
-	5	4030117.URPN.	USPAT	2002/06/18 18:05

-	514	(SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:10
-	50709	zener avalanche	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:10
-	24	((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in. ) and (zener avalanche) not ((zener- and ((minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:11
-	103	((257/604).CCLS.) not ((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:31
-	325	((257/603).CCLS.) not ((257/604).CCLS.) not ((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:10
-	661	((257/603) or (257/604) or (257/605) or (257/606)).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:10
-	182	(257/361).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:11
-	356	(257/362).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:11
-	181	((257/361).CCLS.) not ((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:26
-	270	((257/362).CCLS.) not ((257/361).CCLS.) not ((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:35
-	332	(257/363).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:35
-	252	((257/363).CCLS.) not ((257/362).CCLS.) not ((257/361).CCLS.) not ((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	211	zener with (subsurface sub-surface buried)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	294	zener same (subsurface sub-surface buried)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	12	("3488527"   "3566213"   "3571630"   "3758831"   "4398142"   "4405932"   "4456918"   "4495694"   "4683483"   "4689651"   "4734752"   "4948745").PN.	USPAT	2002/06/20 08:06
-	0	5929503.URPN.	USPAT	2002/06/20 08:07
-	4	4441114.URPN.	USPAT	2002/06/20 08:22
-	14	("3483441"   "3534231"   "3584266"   "3663874"   "3745424"   "3881179"   "3886579"   "4079402"   "4127932"   "4136349"   "4142200"   "4153904"   "4326211"   "4377816").PN.	USPAT	2002/06/20 08:23
-	18	3881179.URPN.	USPAT	2002/06/20 09:14

-	9	4393575.URPN.	USPAT	2002/06/20 09:20
-	27	((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in. ) and (zener avalanche)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 10:36
-	317	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:48
-	1	zener and clamp\$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	6648	zener and (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	2284	zener with (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	3041	zener same (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:14
-	201	zener and (clamp clamping) and buried	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:15
-	142	zener SAME buried and (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:17
-	47	zener SAME buried same (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 07:29
-	14528	zener SAME (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:51
-	9124	zener SAME (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:56
-	6031	zener with (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:37
-	5915	zener adj diode with (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:31
-	1016	zener adj diode with (series serially) near3 (connected connection) and (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:32
-	1	(zener with (series serially) near3 (connected connection)) and 257/606.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:39
-	11	(zener with (series serially) near3 (connected connection)) and 257/603.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43
-	1	(zener with (series serially) near3 (connected connection)) and 257/605.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43

-	1	(zener with (series serially) near3 (connected connection)) and 257/604.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43
-	1	(SUGAWARA-TAKESHI\$ and FURUSAWA-KAZUNORI\$ and TERASAWA-MASAAKI\$ and KAMIGAKI-YOSHIAKI\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:50
-	0	63066974.URPN.	USPAT	2003/04/05 13:49
-	27	(SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in. and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:50
-	0	20010013611.URPN.	USPAT	2003/04/05 13:53
-	1463	(zener SAME (series serially) near3 (connected connection)) and (flash eeprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:57
-	938	(zener with (series serially) near3 (connected connection)) and (flash eeprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:56
-	790	(second plural) near5 zener SAME (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:57
-	101	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eeprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 14:19
-	2	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eeprom eeprom memory) and second near5 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 14:20
-	329	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 07:43
-	4	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in. and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:10
-	2287	constant adj voltage near5 circuit and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:10
-	446	constant adj voltage near5 circuit and zener adj diodes!	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:12
-	0	constant adj voltage near5 circuit and zener adj diodes! SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:47
-	0	constant adj voltage near5 circuit and zener adj diodes! SAME scatter\$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:13
-	0	constant adj voltage near5 circuit and zener SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:13
-	201	constant adj voltage near5 circuit and zener SAME well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:19
-	322946	((("257") or ("438"))).CLAS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:19

-	56	(constant adj voltage near5 circuit and zener) and (((("257") or ("438"))).CLAS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 09:19
-	0	20010013611.URPN.		2003/08/29 09:26
-	4	zener adj diodes! SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 09:55
-	29	zener adj diode SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 10:16
-	99	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 10:01
-	4	5298788.URPN.	USPAT	2003/08/29 10:08
-	7	("4276556"   "4319257"   "4441114"   "4758872"   "4766469"   "4910160"   "5027165").PN.	USPAT	2003/08/29 10:09
-	9165	zener adj diode with series	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 10:16
-	321	((("257") or ("438"))).CLAS.) and (zener adj diode with series)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/29 11:04
-	4	("5347147"   "5914501"   "5959307"   "6054716").PN.	USPAT	2003/08/29 10:38
-	7	5401996.URPN.	USPAT	2003/08/31 06:03
-	14	("3934159"   "4037140"   "4161741"   "4580063"   "4626882"   "4829350"   "4858055"   "4893158"   "5005061"   "5023692"   "5119153"   "5135880"   "5136349"   "5162966").PN.	USPAT	2003/08/31 06:03
-	7	5027165.URPN.	USPAT	2003/08/31 06:10
-	4	("4071852"   "4646114"   "4677369"   "4766469").PN.	USPAT	2003/08/31 06:12
-	4	4646114.URPN.	USPAT	2003/08/31 06:13
-	6	4748533.URPN.	USPAT	2003/08/31 06:15
-	6	("3573550"   "4271445"   "4323942"   "4400711"   "4573099"   "4651251").PN.	USPAT	2003/08/31 06:16
-	197	zener with buried	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/31 07:41
-	5	("5241213"   "5643820"   "5760450"   "5770886"   "6207484").PN.	USPAT	2003/08/31 07:32
-	1	"4777518".PN.	USPAT	2003/08/31 07:33
-	0	("4,398,1424,652,895").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/31 07:41
-	0	("4,398,1424,652,895").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/31 07:41
-	2	((("4,398,142") or ("4,652,895"))).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT	2003/08/31 08:21
-	9	4652895.URPN.	USPAT	2003/08/31 07:42

-	8	4398142.URPN.	USPAT	2003/08/31 07:43
-	5	4870467.URPN.	USPAT	2003/08/31 07:47
-	2	5756387.URPN.	USPAT	2003/08/31 07:49
-	11	("4079402"   "4106048"   "4127859"   "4203781"   "4213806"   "4473941"   "4683483"   "4742021"   "4870467"   "5475245"   "5545914").PN.	USPAT	2003/08/31 07:49
-	15	4106048.URPN.	USPAT	2003/08/31 07:51
-	7	4766469.URPN.	USPAT	2003/08/31 07:55
-	7	("4276556"   "4319257"   "4441114"   "4758872"   "4766469"   "4910160"   "5027165").PN.	USPAT	2003/08/31 07:56
-	7	5027165.URPN.	USPAT	2003/08/31 07:57
-	4	4441114.URPN.	USPAT	2003/08/31 08:00
-	4	4646114.URPN.	USPAT	2003/08/31 08:01
-	7	("3403306"   "4079402"   "4136349"   "4224631"   "4313083"   "4315209"   "4441114").PN.	USPAT	2003/08/31 08:01
-	5	4224631.URPN.	USPAT	2003/08/31 08:02
-	3	("4051504"   "4079402"   "4127859").PN.	USPAT	2003/08/31 08:02
-	0	5583367.URPN.	USPAT	2003/08/31 08:10
-	7	("4549088"   "4673964"   "4780625"   "4782375"   "4929993"   "4987467"   "5095349").PN.	USPAT	2003/08/31 08:10
-	1	("4,213,806").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 08:21
-	16	4213806.URPN.	USPAT	2003/08/31 08:21
-	6	("3378915"   "3765961"   "3881179"   "3886001"   "4099998"   "4136349").PN.	USPAT	2003/08/31 08:24
-	7	("3829717"   "3916508"   "4213806"   "4260946"   "4313083"   "4477737"   "4562400").PN.	USPAT	2003/08/31 08:25
-	19	4677369.URPN.	USPAT	2003/08/31 08:25
-	22	4590664.URPN.	USPAT	2003/08/31 08:30